

From glowbugs@devp214.theporch.com Sun Jan 26 12:43:21 1997  
Return-Path: <glowbugs@devp214.theporch.com>  
Received: from devp214.theporch.com (devp214.theporch.com [192.150.244.22])  
by uro.theporch.com (8.8.5/AUX-3.1.1)  
with ESMTP id MAA14268 for <shimshon@theporch.com>;  
Sun, 26 Jan 1997 12:43:17 -0600 (CST)  
From: glowbugs@devp214.theporch.com  
Received: from devp214.theporch.com (localhost [127.0.0.1])  
by devp214.theporch.com (8.8.4/SCO-5.0.2) with SMTP  
id SAA00651; Sun, 26 Jan 1997 18:35:20 GMT  
Date: Sun, 26 Jan 1997 18:35:20 GMT  
Message-Id: <199701261835.SAA00651@devp214.theporch.com>  
Errors-To: ws4s@infoave.net  
Reply-To: glowbugs@devp214.theporch.com  
Originator: glowbugs@devp214.theporch.com  
Sender: glowbugs@devp214.theporch.com  
Precedence: bulk  
To: Multiple recipients of list <glowbugs@devp214.theporch.com>  
Subject: GLOWBUGS digest 427  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Please send list server requests to listproc@theporch.com  
Status: 0

#### GLOWBUGS Digest 427

Topics covered in this issue include:

- 1) Peanut tube receiver - help  
by "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>
- 2) My 3 (or 4) universal tubes...  
by mjsilva@ix.netcom.com (michael silva)
- 3) 160 meter totals  
by Conard Murray <ws4s@InfoAve.Net>
- 4) RE: Peanut tube receiver - help  
by Chris <c\_sieg@mountk.conknet.com>
- 5) All Electronics Corp.  
by Jeffrey Herman <jherman@hawaii.edu>

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Date: Sat, 25 Jan 1997 14:01:15 EST  
From: "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>  
To: The Glowbugs tube list <glowbugs@theporch.com>  
Subject: Peanut tube receiver - help  
Message-ID: <25JAN97.15142782.0362.MUSIC@MARISTB.MARIST.EDU>

Gang,  
I have just completed a 50C5 transmitter and was thinking about a

receiver to go along. Is there anything, regen or superhet that has one or two tubes (peanut), self contained power supply. It seems that I got my Elmer interested and he is 'digging' through his basement looking for parts.

Tnx

Fr Bowes

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Date: Sat, 25 Jan 1997 11:47:04 -0800  
From: mjsilva@ix.netcom.com (michael silva)  
To: glowbugs@theporch.com  
Subject: My 3 (or 4) universal tubes...  
Message-ID: <199701251947.LAA03985@dfw-ix10.ix.netcom.com>

I found the discussion on the one-tube-type RX and one-tube-type TX very interesting. The obvious next step is to use some of the TX tubes in the RX and vice-versa. In this case in miniature tubes I'd go with a 6EA8 or similar triode-pentode, and a 6AQ5 BP tube (a baby 6V6). I'd guess you could get 10-15 Watts out of a 6AQ5 on TX, and plenty of speaker volume on audio. However, this still leaves a hole in the RX side of things, especially if you're building a superhet, namely no remote-cutoff amplifier for intermod avoidance. The 6BA6 is the obvious choice here. In fact, it could do all the duties of the 6EA8 but with a higher tube count. I'd bend the rules though, and choose those three (6EA8, 6BA6 and 6AQ5) as my universal miniature tubes.

In octals there is no triode pentode that's readily available (The 12B8 is nearly unobtainium). So, to match the miniature lineup you'd need a triode (6SN7), sharp cutoff pentode (6SJ7), remote cutoff pentode (6SK7, or maybe 6SG7, which is similar to the 6BA6) and BP tube (6V6). As in the miniature case, you could dispense with the triode and sharp-cutoff pentode and do everything with the other two, but all of the tubes mentioned should be around for a long time.

Just my unsolicited two cents...

73,  
Mike, KK6GM

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Date: Sat, 25 Jan 1997 14:23:05 -0500  
From: Conard Murray <ws4s@InfoAve.Net>  
To: glowbugs@theporch.com  
Subject: 160 meter totals  
Message-ID: <2.2.32.19970125192305.006c8b78@infoave.net>

Hi Guys,

I managed to get 26 stated last night with the best DX at Colorado. I did hear a big gun CA and WA station working 8's and 2's and EU around 0600Z, but they disappeared after the EU window closed. I heard 2 stations in AZ but wasn't able to break thru with the 40 watts from the TCS.

I worked the contest until 0830Z with a three hour break at dark for a tornado warning. Not enough room to operate with the family and neighbors huddled in the shack!

I still need AL, MS, AR, and LA ... I heard a station in AL but he was having a rough go of it as everyone needed him. I hope they will be on this afternoon.

Sandy, where are you????

73 all,

de Conard WS4S

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.....  
. Conard Murray WS4S Glowbugs listowner .  
. 217 Dyer Avenue ws4s@infoave.net .  
. Cookeville, TN 38501 615-526-4093 .  
. <>< Wise men still seek Him <>< .  
.....
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Date: Sat, 25 Jan 97 18:30:17

From: Chris <c\_sieg@mountk.conknet.com>

To: GBB1@MARISTB.MARIST.EDU, glowbugs@theporch.com, c\_sieg@conknet.com

Subject: RE: Peanut tube receiver - help

Message-ID: <Chameleon.854235460.c\_sieg@conknet.com>

Hi Folks,

I'm just finishing up a design for an 8 tube superhet that uses 5907 subminiature

tubes. The neat thing about the 5907 is that it runs on 26 volts for both its filament

and B+. The receiver is on a approx 3" X 5" pc board and uses surface mount components

for most of the passives. I've put together 5 prototypes so far, the last one was constructed for 80 meters and employed a ceramic filter in the IF, I wanted to use it

with a homebrew AM rig. If anyone is interested, I thought I'd make the PC boards and or

a parts kit available.

73's

-Chris

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Name: Chris  
E-mail: Chris <c\_sieg@conknet.com>  
URL <http://www.conknet.com/piexx>  
Date: 1/25/97  
Time: 6:30:17 PM  
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Date: Sat, 25 Jan 1997 20:40:28 -1000  
From: Jeffrey Herman <jherman@hawaii.edu>  
To: Boatanchors List <boatanchors@theporch.com>  
Subject: All Electronics Corp.  
Message-ID: <Pine.GS0.3.93.970125202515.19394F-100000@uhunix3>

I just received the 1997 All Electronics Corp. catalog. They carry a  
1 - 6.7 pf ceramic variable cap now, EF Johnson #M60775, for \$2.50.  
Don't see too many variable caps in catalogs nowadays.

As usual, \*lots\* of goodies to interest any builder. Email them at  
allcorp@allcorp.com for a free catalog. Prices are \*very\* cheap.

I just noticed they now carry tube sockets:  
7 pin miniature tube socket, 2 for \$1  
7 pin PC mount socket, 4 for \$1  
Bakelite sockets: 7 pin, 5 for \$1  
                    9 pin, 5 for \$1  
8 pin octal tube socket PC mount, 85 cents each  
8 pin socket with screw terminals (never seen that), \$2.50 each  
8 pin chassis mount, \$1 each

Let's give these folks some business! 800-826-5432  
P.O. Box 567 Van Nuys, CA 91408-0567  
No minimum order

Jeff KH2PZ (no connection with All Electronics Corp.)

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End of GLOWBUGS Digest 427  
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